

# SCIENCE

**(The curricular materials listed in the section of Science have been correlated to the Idaho Achievement Standards)**

ADOPTION EFFECTIVE  
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## **Position Statement: Science**

Science education in Idaho should be consistent with the Idaho Achievement Standards which can be located on the Internet at [www.sde.state.id.us/osbe/extstand.htm](http://www.sde.state.id.us/osbe/extstand.htm).

Science is a human endeavor that seeks to understand the universe by observation, experimentation, and rational interpretation of observations. At its core, science is a method of asking questions, a method that may be extended to problem solving in many areas of life. An observation leads to a hypothesis. The hypothesis suggests experiments that might be done to further understand the phenomena. These observations and hypotheses are published in scientific literature whereupon they may be replicated, extended or disproved by others. Hypotheses that prove capable of explaining observations and making predictions about additional phenomena are retained while those that fail this test are discarded. Only those hypotheses that have proven to be successful over considerable periods of time are referred to as "theories," and even these theories may be supplanted should they prove incapable of explaining new observations.

Idaho Exiting Standards,

Version 1

The publication of AAAS Project 2061 Science for All Americans and the National Science Teachers Association (NSTA) are excellent resources on curriculum recommendation and national trends in science education.